



— Y-12 BULLETIN

A Newspaper For Y-12 Employees of Union Carbide Corporation—Nuclear Division

Vol. 23 — No. 25

OAK RIDGE, TENNESSEE

Wednesday, July 2, 1969

Y-12ers Are \$6 Million Richer After Monday's Savings Pay-Off

A cash distribution of more than \$16,300,000 was made Monday, June 30, to 10,413 employees at the three Oak Ridge facilities operated by the Nuclear Division of Union Carbide Corporation. (A total of 4,157 Y-12ers received \$6,261,122.)

The money distributed represents the employees' savings since July 1, 1967, plus interest earned on these savings, the Company's contributions for the two-year period ending June 30, 1967, and interest on the Company's payments into the trust fund on behalf of each participant during the last two years.

Under Internal Revenue Service regulations, Company contributions made during the last two years will be included in the next regular distribution of employees' savings in 1971.

Under the Savings Plan, employees may authorize payroll deductions up to seven and one-half per cent of their earnings to a maximum of \$83 per month. The Company contributes 10, 20 or 30 per cent of this amount, depending on whether the employee has one, two, or three or more years company service.

Union Carbide employees living in Oak Ridge received approximately \$6,600,000. Other employees in Anderson County got about \$1,500,000; Knox County residents received \$3,400,000; Roane County, \$1,500,000; and Loudon County, \$700,000. An additional \$2,600,000 was received by employees living in other areas.

In 1967, the amount distributed to employees at the Oak Ridge facilities totaled more than \$11,600,000.

Similar distributions are being made to employees at other locations of Union Carbide Corporation. Across the nation, approximately 54,000 employees who participated in the Savings Plan received more than \$75,000,000 this year.

Siren Test Scheduled For 9 a.m. Sunday

The regularly scheduled siren test is set for Sunday, July 6, at 9 a.m. The test will be the attack warning (the wail of the siren, up and down for three minutes).

Sirens on Buildings 9201-3, 9996, 9204-4 and 9213 will be tested. These tests will encompass the attack warning only.

A voice announcement on the plant intercom system will precede the test. Employees at work Sunday need not leave their work stations.

CHECK FUSE BOX

Include the fuse box in your Spring Clean-Up activities, reminds the National Fire Protection Association. Get rid of burned-out fuses, and make sure you are using only 15-ampere fuses except on special circuits designed for heavier loads.

WHAT IS AN EXPERT?

An expert is a person who can take anything you already know and make it sound confusing!

131006

Alkyl Amine Facility Started

Union Carbide Corporation has announced the successful completion and extremely smooth start up of an alkyl amines plant at its Taft, Louisiana, petrochemicals complex. The new, computerized plant, the largest in the industry, has a design capacity in excess of 100 million pounds a year. It will be able to support the domestic market's growth for alkyl amines over the next five years.

Alkyl amines have a wide variety of uses and recently have been in great demand as intermediates for the production of pesticides. Part of the output of the new plant will be sold to Union Carbide customers in this manufacturing area, as well as to producers of pharmaceuticals and rubber chemicals. The other part will be used internally to make derivatives.

In addition to the new, large-volume alkyl amines plant at Taft, Union Carbide will continue to operate a smaller-volume unit at South Charleston, West Virginia. This unit will produce 15 million pounds a year of higher molecular weight amines. The corporation also has a pilot plant at South Charleston that it uses to make small quantities of developmental amines.

The Taft plant, together with the two South Charleston units, gives Union Carbide unmatched production flexibility and the broadest range of amines in the industry. Currently, the corporation is producing more than a dozen alkyl amines and is ready to start large-scale production of a broad range of additional amines as demand develops.

Among the wide variety of uses for alkyl amines, in addition to their use in pesticides, rubber chemicals, and pharmaceuticals, are in the production of dry cleaning detergents, chemical coating resins, fiber board, paper coatings, adhesives and sealants, oil and gasoline additives, agricultural pesticides, dye-stuffs, corrosion inhibitors, chemical specialties, and cosmetics.

Summer Badge Swap Extends Thru July 16

Badge exchange for the summer quarter began last Friday, June 27 . . . and will continue through the 11 p.m. shift Wednesday, July 16.

If you have not picked up your new blue-bottomed badge by then, your present badge will not be honored at the portals. Self-service racks are located at each portal-of-entry in the plant, and badges are arranged in badge number order. Have you picked yours up yet?

SAFETY SCOREBOARD

The Y-12 Plant Has Operated 219 Days Or 7,055,000 Man-Hours (Unofficial Estimate) Through June 29 Without A Disabling Injury SAFETY AT HOME, AT WORK, AT PLAY

New Organizational Changes Listed In Corporation Office As Rush Is Made Ambassador

F. Perry Wilson has been named president of Union Carbide Corporation. In this capacity, he will serve as chief operating officer of the corporation, according to Birny Mason Jr., chairman of the board. He succeeds Kenneth Rush, who has been named ambassador to West Germany.

The new president is an alumnus of North Carolina State University, and began his career with Union Carbide in 1941 as a salesman for the Bakelite Division. He successively worked with Canadian operations, becoming an executive vice-president in 1964; the International Division of UCC; and most recently was group vice president in charge of all chemicals and plastics operations in the United States and Puerto Rico.

In other board appointments, Kenneth H. Hannan was named chairman of the board . . . William S. Sneath was named a director.

In subsequent announcements from the UCC chairman, Dr. Thomas R. Miller was named a vice president of the corporation. Also announced were the appointments of Robert D. Bower as president of the Chemicals and Plastics Operations Division and Richard J. Hughes as president of the Plastic Products Division.

Dr. Miller's area of responsibility will be the production and procurement of hydrocarbon raw materials. Since he joined the corporation in 1940, he has held key posts in both research and production in the corporation's chemicals and plastics businesses. He was appointed president of the former Chemicals Division in 1966, president of the Coatings Intermediates Division in 1967, and president of the Plastic Products Division in 1968. A native of Huntingdon, Pennsylvania, Dr. Miller, received the degree of BS in chemistry from Juniata College (cum laude) in 1936 and the degree of PhD in chemistry from the University of Pennsylvania in 1940.

Bower, who joined Union Carbide in 1948 at the chemicals operations in South Charleston, West Virginia, has also held several managerial positions in the chemicals area of the corporation's business. Since 1967, he has been a vice president and general manager of the Coatings Intermediates Division. He was born in Fremont, Ohio, and was graduated from Case Institute of Technology with a degree in chemical engineering in 1948.

Hughes, who has been a vice president and general manager of the Plastics Products Division since 1967, joined Union Carbide first here in Oak Ridge in 1944. During subsequent years, he was active in chemical sales, operations, and marketing. From 1965 to 1967, he was manager of purchases for the corporation. A native New Yorker, he is a graduate of Fordham University.

Rush, the newly named ambassador, is a native of Walla Walla, Washington. He moved to East Tennessee, however, at an early age . . . and graduated from Doak High School, Greeneville, Tennessee.



F. Perry Wilson



Kenneth Rush

see. He earned an AB degree from the University of Tennessee in 1930. His LLB from Yale Law School followed two years later. He joined Union Carbide in the law department early in 1936. He interrupted his service to teach at Duke Law School, Durham, North Carolina, but returned to Union Carbide Corporation in 1937.

Rush was named president of Union Carbide in 1966.

Let's Declare A New Freedom Friday!

Friday, July 4, of course, is a holiday.

Let's declare a new freedom Friday . . . a freedom from each other! Let's cut out this 'Love it or leave it' talk. In other words, can the stuff if you don't believe in God, apple pie, and baseball, get out of the country. Diversified opinions had room in the early days of the Nation. They were given the protection in the Constitution and the Declaration of Independence. They have room in this country today.

Let's leave the 'love it or leave it' talk to totalitarians where it properly belongs.

No employee is required to be at work Friday . . . unless his presence is required by continuous operation or protection of the plant.



A YEAR HAS PASSED since Richard T. Boughner, Statistical Services, received his MS degree in Mathematics from the University of Tennessee. The remaining 50 per cent of his expenses on the advanced degree are reimbursed to him above . . . as George Strasser, center, Technical Services superintendent, presents him the check. A. M. Christman, head of Statistics Services, looks on from the right.

The Bulletin

Published Weekly For The
Y-12 Employees Of
UNION CARBIDE
CORPORATION



NUCLEAR DIVISION

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Industrial
Editor's
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4th Float Set Down Cumberland

A Fourth-of-July weekend float on the Big South Fork of the Cumberland River is being organized by the Tennessee Citizens for Wilderness Planning to provide an opportunity for all interested persons to become acquainted with the dramatic river gorge which is now being studied as the focal point of a proposed national park or national recreation area. The outing was originally billed as a one-day "pleasure cruise" to precede the now cancelled annual July 4 canoe race.

In order to take in a longer part of the river and to become more intimately acquainted with the magnificent scenery of the surrounding gorge, the "cruise" has been expanded into a three-day canoe-camping trip from Leatherwood Ford (13 miles west of Oneida) to Yamacraw (seven miles west of Stearns, Kentucky). Provisions can, however, be made for those wishing to join the float for one or two days only. The entire 30-mile stretch of river presents mostly easy canoeing, except for two rapids around which portages will be made. Car shuttling is being arranged for TCWP by an Oneida scout troop. The float is scheduled to start at 10:30 a.m., EDT, Friday, July 4, at Leatherwood Ford. Further information may be obtained from Grimes Slaughter, Oak Ridge telephone 483-5859.

13th Retiree Listed From Y-12 In June!



Johnson

In a rush to retire an even dozen Y-12ers last week, the Bulletin accidentally omitted Paul J. Johnson, Process Maintenance.

The Johnson home is at 109 Hickory Place, Oak Ridge. Best wishes to Mr. Johnson in his retirement.



"Hey Buddy! Aren't you taking a big chance with your shoe-laces untied?"

M-Wing Shop Sets Safety Record Here!

The M-Wing Shop, in the Fabrication Division, has a safety record to crow about . . . but they concentrate first on safe working habits, then talk about the records later. The spectacular record, which could be the envy of the entire plant, began back in 1948, when the Shop began operations. It was formerly called the Dogwood Shop, in the Mechanical Operations Division.

Department Matures!

Recently it completed 21 years of existence without a lot-time injury! In other words it left its childhood and infancy and became a man without a scar!

The members of the department take a great deal of pride in the quality of their work, as well as the safety methods by which they perform their various jobs.

The importance of safety is emphasized in the M-Wing Shop as soon as an employee begins to learn his particular job. Training in the operation of machines includes the many safety measures and precautions necessary to perform the job efficiently and safely.

Safety Is Law

Cleanliness is an absolute law in the shop . . . no oil spots can be found on the floor, and smoke is not permitted. Trash receptacles are in all the necessary places and all other safeguards of cleanliness are obeyed. Employees are also taught the correct way to handle tools to provide the maximum in safe procedure. Also explained to new employees is the important fact that each piece of equipment has a specific place and that the articles should always be stored in that place.

Individuals in the department stress that safety equipment also must be used when necessary. Face shields, goggles, safety glasses, gloves, safety shoes, etc., the list grows!

Numbers have varied in the Dogwood shop from 22 employees . . . to a high of 62. Presently, there are 47 men in the department . . . many of them veterans.

Administration

John Bishop is general foreman in the M-Wing Shop . . . and J. S. Oakwood is process engineer.

Congratulations to each man in M-Wing Shop. Such efforts as these are greatly responsible for sterling safety records that have made Y-12 the envy of many plants.

June 22-28 Designated Engineer Technician Week

Last week (June 22-June 28) was designated as Engineering Technician Week in the State of Tennessee by proclamation of Governor Buford Ellington. A resolution was introduced in the United States Congress by Senator John Tower of Texas to make the same week National Engineering Technician Week.

The annual meeting of the American Society of Certified Engineering Technicians (ASCET) was held in Daytona Beach, Florida. Several members of the Oak Ridge-Knoxville chapter attended, including Billy H. Montgomery, president, ORNL; Jack C. Thompson, Y-12, secretary; Andrew W. Maxey, Y-12, director; Henry E. Penland, ORNL, treasurer; and Norris R. Parrott, Y-12. Also attended were Ralph E. Dial and G. R. Hicks, ORNL, Paul Febbo, Y-12; and Lewis W. McWilliam, U.S. Geological Survey.



E SHIFT MEN in the M-Wing Shop include, kneeling from left, W. D. Hall, W. D. Davis and R. E. Graham. Standing from left, are W. R. Tipton, G. A. Grider, W. H. Woods, D. R. Byrd, H. C. Dickinson, J. C. Jernigan, G. J. Walls, C. Allen, and T. S. Sparks.



F SHIFT FOLKS in the M-Wing include, front row from left, J. S. Oakwood, C. W. Vermillion, E. E. Lamb, J. R. Hudson and C. M. King. Standing, from left, are J. C. Bishop, A. R. Agee, D. J. Schafer, R. E. Watkins, T. R. Wall, L. D. Williams, D. D. Gaines, T. S. Swindle, H. D. Witt, L. K. Phillips and L. S. Nabors.



Burton H. Robbins

Burt Robbins Is Graduated At UT

June's graduation at the University of Tennessee, Knoxville, highlighted an important day for a Y-12er, Burton H. Robbins, Numerical Control Engineering.

Burt, who came here August 28, 1961, had attended Missouri School of Mines, Rolla, Missouri, before hiring in at Y-12. He had also worked previously at the Paducah plant as a summer student.

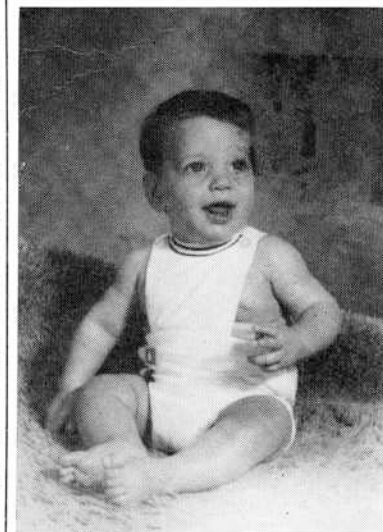
The Robbins live at 308 E. Fernhill Lane, Oak Ridge. Mrs. Robbins is the former Patricia Ann Watts. They have two small children, Lee and Kyle.

Burt admits that school has been his biggest pasttime of late, but admits a liking for water sports.

Robbins also enthusiastically endorsed the Carbide Educational Assistance Program. "A life-saver," he calls it!

on the lake soon, you'd better check the old tackle box first . . . make sure that license has been renewed.

Thrills on hills and swerves on curves cause tragic spills and shattered nerves.



CHRISTOPHER John Neeley came to live with his adopted parents . . . Mr. and Mrs. Elmer Neeley when he was only two weeks old . . . liked them, and stayed on. Neeley, formerly with Tool Design Engineering, lives in Austin, Texas. Little Chris is the grandson of John Neeley, H-2 Machine Shop.

Recreation



Sunday, July 6

SKREET TOURNAMENT: 1 p.m. Oak Ridge Sportsmen's Association.

Monday, July 7

SOFTBALL LEAGUE: 6:15, 7:30, 8:45 p.m. Pinewood Park. Buccaneers vs. Show Ups; K-25 Gashouse Gang vs. NC Squad; Big Shops vs. Bat Boys.

VOLLEYBALL: 7 p.m. Informal Play. New Jefferson Junior Courts.

Tuesday, July 8

SOFTBALL LEAGUE: 6:15, 7:30, 8:45 p.m. Pinewood Park. Beta 4 Astros vs. Y-12 Snakes; Go Go Gophers vs. A Wingers; Colts vs. Braves.

PHYSICAL FITNESS (For Men): 7:30 p.m. Oak Ridge High School Gym.

WHITTLES GOLF LEAGUE: After Work, Whittle Springs Golf Course, Knoxville.

Wednesday, July 9

MELTON HILL GOLF LEAGUE: After work, Melton Hill Golf Course, Clinton.

Thursday, July 10

SOUTHWEST POINT GOLF LEAGUE: Southwest Point Golf Course, Kingston.

SOFTBALL LEAGUE: 6:15, 7:30, 8:45 p.m. Pinewood Park. J-Birds vs. Eagles; Beta 2 Miners vs. Yankees; All Stars vs. 69ers.

PHYSICAL FITNESS (For Men): 7:30 p.m. Oak Ridge High School Gym.

Sgt. Gibbs Re-Ups On Vietnam Front

On April 21, Staff Sergeant James L. Gibbs, B Battery, 11th Artillery Group, 101st Airborne Division, was presented his second honorable discharge from the army. Then he reenlisted for six additional years of active duty.

Captain Roger Dent, battery commander, administered the oath at fire base Whip located in the Ashau Valley, in Vietnam. Sgt. Gibbs has served three tours of duty in Vietnam and returns for a fourth stint there after a 30-day furlough at home. He returns to Vietnam in early June.

SSG. Gibbs, who is chief of the section at the fire base said, "the choice of reenlistment was not a hard one, because when I combine the terms duty, honor and country, my mind as a career soldier is made up."

Jim entered the Army in January, 1958, and holds three Bronze Stars, two Good Conduct medals and the Army Commendation Medal.

Gibbs' father is in Y-12's Shipping and Receiving. The Gibbses live in the Marlow Community, Route 5, Clinton. There are four other children at home . . . Anthony, Dean, Naomi, and Jewell Lynn. They also have two married daughters Andrea Mae and Patsy. Gibbs has another son, Cecil.

Sgt. Gibbs attended Clinton High School before enlisting in 1958.

The proud father vacationed recently to enjoy part of his son's furlough at home.

BE LIKE A SPONGE



ABSORB SAFETY The HABIT!

John Baker Takes SW Point Contest

John Baker carded a low score of 75 at Southwest Point Saturday, as history was made in two or three divisions of flight play. The Kingston lakeside tournament saw 172 Y-12ers tee off in the torrid mid-90 degree weather.

Scratch winners in the first division also include Bill Mee and J. F. Vance with 78 each and Jim George with 79.

Handicap winners were Al Sawyer, 71; H. B. Presley, 72; Charlie Baxter and Gerry Babb, 73.

Bill Hamill turned in 12 pars on his native course, and J. E. Bartholomew also scored 12.

Dan Culbertson eagled hole No. 15 . . . the 450-yard five par obstacle.

SECOND DIVISION

George Dorsey eagled 15 hole also . . . to cap honors in the second flight, with a total score of 78. He was followed by Bill Sise, J. C. Thompson Jr., 83; and Merle Emery and Jack Gresham, 84.

Handicap honors went to H. E. Wright and F. B. Parrott, 70; Joe Dick and Walt Simmons, 73.

Ed Sise parred 10 holes . . . Dana Arnold and J. P. Smith, eight.

THIRD DIVISION

O. C. Willard aced hole number nine . . . for a history-making stroke! He took the number nine hole . . . 175-yard one. He used a number four Wilson Swing-Weight wood . . . on a GBI ball. Foursome witnesses included Gordon Hill, Chet Borge and Fred Baker.

The third division was taken by Allen H. True, 80 . . . followed by C. R. Starlin and Bob Rose, 83; J. R. Parker and J. A. Baseford, 88.

Handicap winners were V. C. Brown, 66; R. D. Dobbs, 67; Glen Lundquist, 69 . . . and Sam O'Neal, 70.

Par honors went to Roy Huddleston, nine; James H. Smith and Tom Verner, each with seven.

FOURTH DIVISION

Long lean Jack Cowen took the fourth division, scoring a low 86. He was followed by W. C. Gordon, 89; Norman Dykes, 92 . . . and Don Stinnett, 93.

Handicap lows were registered by Tom E. Smith and Jim White, 68; W. R. Burrell and I. W. Jeter, 70.



Y-12'S 69ERS ARE ANOTHER BIG ENTRY in the current Softball League . . . playing ball each Monday, Tuesday and Thursday, weather permitting. In the front row, from left, are Russell Smith, Jim Drishler, Jim Hylton and Don Forrester. In the rear are Harry Raley, Don Wieger, Ronnie Norris, H. M. Whittlesey and Lowrey Underwood. Not around were Manager Herb Reynolds and Assistant Manager C. F. Phillips.

Fred Hammond and Joe Sherrod each had four pars . . . Wes Smith, W. J. Baker and Charlie Stout tallied three.

July's tournament is set Saturday, July 26, at Niota . . . but more of that later.

Goss-Stanton Still SW Point Leaders

Standings in the Southwest Point Golf League stayed the same last week . . . as both two top teams took sweeping six-point wins from opponents.

Goss-Stanton sank Mee-Wright and Jones-Morgan mauled Argo-Groppe. Clayton-Verner posted five at the expense of Smith-Henderson.

W. B. Goss hit a low score of 39 . . . Tom Verner scored a 33 handicap total.

League standings follow:

Team	W	L
Goss-Stanton	27	9
Jones-Morgan	24	12
Smith-Henderson	21	15
Clayton-Verner	18	18
Mee-Wright	11	25
Argo-Groppe	7	29

All Stars Almost Beat Braves In Close Softball Play Wednesday

The Softball League schedule got switched around last week, thanks to some much-needed precipitation. Monday's action got played Wednesday . . . Tuesday's action got postponed until Friday.

On Wednesday . . . it was the Bat Boys barely by the Gophers 13 to 12 . . . with Julian Morrison mauling a homer for the winners . . . hits evenly balanced, too. 12 for the winners, 11 for the losing GGG's.

The Braves barely beat the All Stars in the second game of the night . . . 13 to 10. The Stars looked like they might be up to the task for a while . . . scoring first and following suite in the third inning when the Braves turned it on to score nine runs in one inning. (The Stars put six across the plate.)

The NC Squad demolished the

Show Ups 23 to 7 in Wednesday's final game. Ron Marcum marked a homer for the winners . . . as Ronnie Sergeant homered and earned a well-placed double on the losing squad.

Thursday's play got on schedule despite early afternoon threats of downpours. The first game saw the Y-12 Snakes crawl by the Gashouse Gang from K-25 4 to 2. The Snakes earned 12 hits . . . but could cross the plate only four times.

The Eagles blanked the Yankees 17 to 0 in a rout for game number two. Romeo Greene socked two homers across the Venice balcony.

The Buccaneers beat the Big Shops in final play Thursday 14 to 11. Ray Cooper capped a homer to aid the winning cause. Lynn Storey stashed two away from the losing side, and Bill Dean did one.

Baker Under Par At Melton Hill

The lead remained static in the Melton Hill Golf race last week . . . as both of the tied teams won four points . . . Winning six down slightly in the standings were Parrott-Parker over Roberts-Cook, the Sewells over Butler-Wright, Pryson-Ellis over Alvey-Phillips, Nixdorf-Holdaway past Carter-Waldrop, Ferguson-Winstead past Sherrod-Wyrick and Stinnett-Ladd by Clabough-Tiller.

Winning four were the top two teams . . . Baker-Babb and Tucker-Wetzel over Gresham-Brown and Morehead-Poly respectively. Riggs-McElroy also posted four at the expense of Wright-Rohland.

J. R. Baker fired a 35 scratch for low-score-of-the-day. Jack Gresham chalked a 34 handicap total. Ray Riggs carded an eagle on the par five number seven hole . . . no little feat!

League standings follow:

Team	W	L
Baker-Babb	27	9
Tucker-Wetzel	27	9
Parrott-Parker	24	12
Butler-Wright	23	13
Sewell-Sewell	22	14
Clabough-Tiller	20	16
Pryson-Ellis	19	17
Nixdorf-Holdaway	19	17
Sherrod-Wyrick	18	18
Ferguson-Winstead	18	18
Gresham-Brown	17	19
Alvey-Phillips	16	20
Wright-Rohland	14	22
Morehead-Poly	12	24
Stinnett-Ladd	12	24
Roberts-Cook	6	30
Carter-Waldrop	5	31



RE-UPPING ON THE FIELDS OF VIETNAM is Staff Sergeant James L. Gibbs, right, son of A. A. Gibbs, Y-12's Receiving and Shipping. Captain Roger Dent administered the reenlistment oath in the Ashau Valley, Vietnam. Sgt. Gibbs has already served three times in the far east country, and returned recently for another tour.



Riders wanted from Cumberland Estates, Karns, via Oak Ridge Highway, straight day. Earl Hoskins, plant phone 3-5331, home phone Knoxville 584-5173.

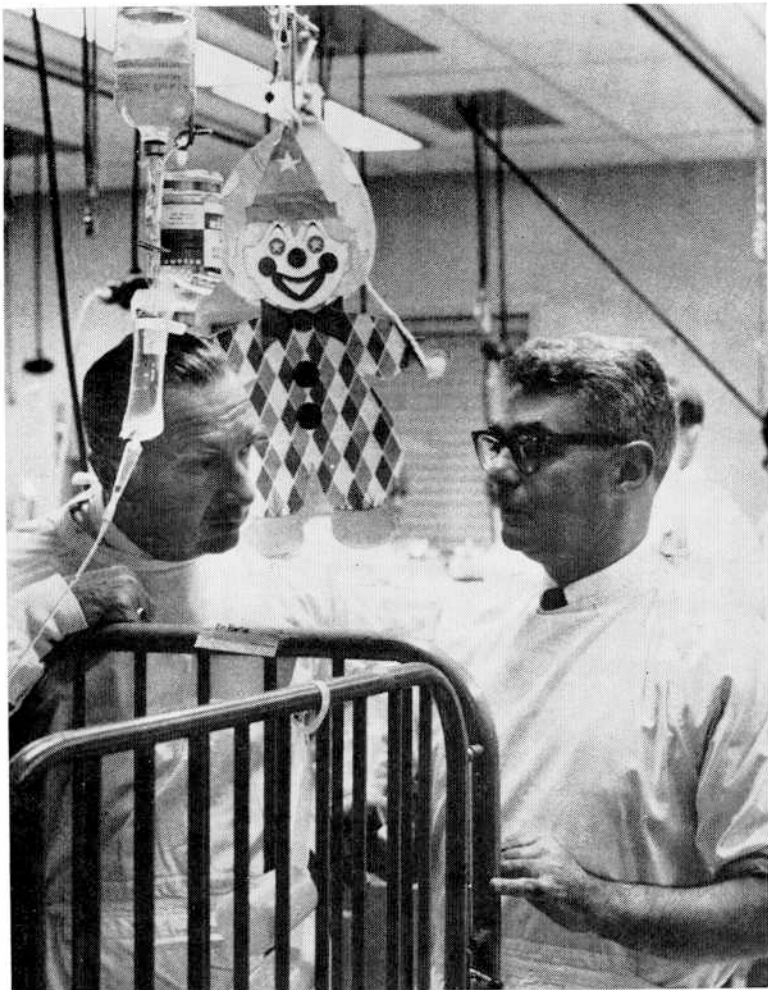
Ride wanted from Everett Hills Area, Maryville, to East or North Portal, straight day. Howard Kerr, plant phone 3-7055, home phone Maryville 982-6621.

Ride wanted from Rock Hill, or West Knoxville area, to North Portal, straight day. Ernest Smith, plant phone 3-5510, home phone Knoxville 588-8360.

Carpool member wanted from Tabor Road, Delmar Circle, Delaware Avenue, or Florida Avenue area, Oak Ridge, to North Portal, straight day. E. S. Cockran, home phone Oak Ridge 483-7660.

One carpool member wanted from Norwood area, Knoxville, to North, Central or Bear Creek Portal, straight day. E. C. Keith, plant phone 3-5698, home phone Knoxville 689-2229.

He saved a minute, and lost a limb; now there's more time and less of him.



CBS NEWS CORRESPONDENT WALTER CRONKITE is seen here with Dr. Louis Gluck, director of the Dana Newborn Special Care Units at the New Haven Hospital as they discuss the latest treatment and equipment in intensive care nurseries. New medical procedures and discoveries to treat the unborn and save the lives of the new-born will be seen in 'The 21st Century' report, 'The First 10 Months, Part I' Sunday, July 6 at 6 p.m., EDT, in color on the CBS Television Network. The program is aired locally by WBIR-TV, Channel 10. Cronkite is principal reporter for the series which is sponsored in the public interest by Union Carbide Corporation.

'First 10 Months' Is Studied For 21st Century Show Sunday

New medical procedures and discoveries to treat the unborn and save the lives of the newborn, will be seen in "The 21st Century" report, "The First 10 Months, Part I" Sunday, July 6 at 6 p.m., EDT, in color on the CBS Television Network. The program is carried here by WBIR-TV, Channel 10. CBS News Correspondent Walter Cronkite is principal reporter for the series which is sponsored in the public interest by Union Carbide Corporation.

Cronkite will visit the Yale New Haven Hospital where he will provide an on-the-scene report as doctors successfully stage a fight to save the life of a newborn infant. He will interview Dr. Louis Gluck, a pediatrician and director of the hospital's Dana Newborn Special Care Unit. The latest treatment and equipment in intensive care nurseries to help save the lives of babies will be shown.

Some of the new techniques being used to treat the unborn include: a fetal monitoring system that reveals more information about the unborn baby's heart-beat than a stethoscope; amniocopy, which enables doctors to look directly at the fetus in the womb by a fiberoptic probe; and an instrument that uses sound waves to detect the heartbeat and circulation of the fetus as early as 12 weeks into the pregnancy.

IN YOUR OLD KIT BAG

When packing for that summer vacation, make sure you tuck in common sense. Have fun on your vacation, but remember the purpose of it . . . to make you return to the job, a happier, more relaxed person.



Parallel to the nation's big birthday are several important dates marked by Y-12ers, marking special days with Union Carbide Corporation. Congratulations.

25 YEARS

William C. Walker, ORNL Chemical Services, July 3.
Mark D. Varnadore Jr., Buildings, Grounds and Maintenance Shops, July 3.
John L. Perry, Dimensional Inspection, July 3.
Omer D. Cloyd, Guard Department, July 5.
Porter L. Holland, Research Services, July 6.
Toy S. Moody, Process Maintenance, July 6.
Polie E. Arnold, Material Procurement, July 6.
Harry W. Grubb, H-1 Foundry, July 8.

15 YEARS

Lyman E. Odell, Mechanical Inspection, July 3.
John D. Byrd, General Metal Fabrication Shop, July 3.
Carl Parks, Physical Testing, July 4.
John S. Hurst, Fabrications Systems Development, July 6.

Case-Allmon Take Slim HossShoe Top

The Case-Allmon duo has a slim one-point lead in current HossShoe Pitching . . . after an eight-point win over Helms-Fowler, and a six-point win over Wyatt-Wagner, made up from previous scheduling. Durham-Harness grabbed six from Reed Stephens, and Wyatt-Wagner took nine from Gossage-Norris.

Gray-Copeland copped six from Raper-Luckett.

League standings follow:

Team	W	L
Case-Allmon	14	4
Durham-Harness	13	5
Wyatt-Wagner	12	6
Raper-Luckett	12	6
Reed-Stephens	11	7
Gray-Copeland	7	11
Helms-Fowler	3	15
Gossage-Norris	0	18

When you work for safety, it works for you.



UNION CARBIDE CORPORATION
 NUCLEAR DIVISION
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FUNGUS GROWTH . . . by Paul Swenson took honors in black and white competition in the Carbide Camera Club's June entries.

8 Short Lectures Programmed For Camera Club Meet Tuesday

Two Y-12ers and three Biology Division people carried off most of the honors in the Carbide Camera Club's May competition. In June, Biology folks took all prizes save one.

May winners were: Stan Leibo and Bill Russell, both Biology, in the black and white prints category; Bill Harper, Y-12, in color prints; Fred deSerres, Biology, and J. B. Bullock, Y-12, in color slides.

June winners are: Peggy Turner, who took all prizes in the color prints category; Paul Swenson and Lee Andrews in black and white prints. Peggy and Lee also won in color slides. The lone June winner outside Biology was X-10's Orland Yarbrow, who took first prize in the color slides category.

The club will meet next Tuesday, July 8, at 8 p.m. for eight short lectures on photographic technique. Subjects to be covered are: Sound-slide techniques; the "f" system' Kelvin temperature; nature photography, electronic flash, close-up photography, photomicrography; and photo essays.

Club members' contributions to the "July Open" competition will be judged and discussed.

MODERN TIMES

If the safety pin had been invented today, instead of a long time ago, it would have six moving parts, a transistor and require a serviceman at least once a month.

TWO IS ENOUGH

Man has only two primal instincts . . . to get and to beget.



G SHIFT AS WELL AS DAY SHIFT Personnel in M-Wing include the above people . . . first row, from left, W. L. Beals, E. F. Gibson, R. B. Riker, and R. R. Sliger. Standing are D. A. Davis, W. T. Calhoun, J. P. Cavanaugh, G. H. Humphries, L. Y. Morrow, A. Mitchell, J. A. Lewis, Irene K. Carmack, R. W. Fields and F. B. McDonald Jr. The entire shop was saluted recently for its sterling safety record through the years. Not present when the photos were made were M. Q. Kosier, R. A. Branson, J. H. Ramsey, W. J. Reynolds, H. W. Dickenson and B. E. Hicks.